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(54) Title: CD55-INTERACTION PARTNERS AND THE USES THEREOF

a. CDR amino acid sequences of 105AD7 anti-idiotypic antibody

CDR	Kappa (L)	Heavy (H)
1	ItcRASQDISSFLNwqg	ntSGVCGwl
2	liyAASILQSpvn	wlaHIYWDDDKRYSPSLKSrlt
3	yyQQSYKTPPSfgq	caqVLYYDFWSGYLEYFAYwqg

b. Alignment of CDRs with CD55

SCR-1 (1C)	-> <-	SCR-2 (2N)
83 K G S O W S D I E E F 93 C N R S C E V P T R L N S A S L K Q P		101 W D D D K R Y S P S L K S
• • * . • • • . •		• • • *
R A S Q - - D I S S F L N		W D D D K R Y S P S L K S

105AD7 CDR L1

105AD7 CDR H2

SCR-2 (2C)	aa number	CD55
145 S L S P K L T C I Q N L K W S T A V E F C K K K		
• • • • •		
V L Y Y D F W S G Y L E Y		

105AD7 H3

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

Inte nal Application No
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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K C12N G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

MEDLINE, BIOSIS, EPO-Internal, WPI Data, PAJ, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BALDWIN R W ET AL: "Monoclonal antibody 791T/36 for tumor detection and therapy for metastases." SYMPOSIUM ON FUNDAMENTAL CANCER RESEARCH. UNITED STATES 1983, vol. 36, 1983, pages 437-455, XP009028841 ISSN: 0190-1214 the whole document</p> <p>---</p> <p>-/-</p>	1-27

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SPENDLOVE IAN ET AL: "Mapping the binding site of a novel antibody to SCR-1 and 2 of CD55" IMMUNOLOGY, vol. 98, no. suppl. 1, December 1999 (1999-12), page 101 XP002279070 Joint Congress of the British Society for Immunology and the British Society for Allergy and Clinica; Harrogate, England, UK; November 30-December 03, 1999 ISSN: 0019-2805 the whole document</p> <p>---</p>	1-27
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X	<p>WO 98/06838 A (HAMANN JOERG ; LIER RENE ANTONIUS WILHELMUS V (NL); STICHTING CENTR) 19 February 1998 (1998-02-19) abstract page 7, line 30 - line 37 page 19; claims 16-27</p> <p>---</p>	1-27
X	<p>WO 00/37489 A (MUELLER HERMELINK HANS KONRAD ; VOLLMERS HEINZ PETER (DE)) 29 June 2000 (2000-06-29) page 3, line 16-18 page 6, line 20 page 7, line 11 - line 17 page 7, line 27 -page 8, line 3 page 8, line 24 - line 31</p> <p>---</p>	1-22, 24-27
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	SPENDLOVE I ET AL: "Decay accelerating factor (CD55): a target for cancer vaccines?" CANCER RESEARCH. UNITED STATES 15 MAY 1999, vol. 59, no. 10, 15 May 1999 (1999-05-15), pages 2282-2286, XP002279072 ISSN: 0008-5472 abstract ---	1-27
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